

MAJNARIC, D.

YUGOSLAVIA/Human and Animal Physiology - Metabolism.

T-2

Abs Jour : Ref Zbir - Biol., No 7, 1958, 31404

Author : Skrivanek, N., Pansini, K., Fiser-Herman, N., Giefermacka, A., Librenjak, K., Petrovacki, M., Majnaric, D., Svetl, I.

Inst Title : Clinical and biochemical Data Concerning Rickets.

Orig Pub : Acta med. Jugosl., 1956, 10, No 3, 337-359

Abstract : Twenty children aged 4 months to 2 years and ill with rickets were placed under observation. The triple introduction into the muscle of 15 mg of calciferol (1) in all the children gave a positive results; however, the rate with which X-ray and clinical symptoms disappeared in different children varied significantly. A different therapeutic effect did not depend on the gravity of the clinical and biological symptoms. The content of Ca in the serum before the beginning of the treatment was 9 mg% in more than half of the children; after the first

Card 1/2

MAJNAR, Rudolf, Dr.

Chronic cardiac decompensation with adrenocortical insufficiency.
Orv. hetil. 99 no.11:386-389 16 Mar 58.

1. A Budapesti Orvostudomanyi Egyetem II Sz. Belklinikajának (igazgató:
Haynal Imre dr. egyet. tanár) kozlemenye.
(CONGESTIVE HEART FAILURE, compl.
adrenocortical insuff., case report (Hun))
(ADRENAL CORTEX, dis.
insuff. with congestive heart failure, case report (Hun))

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4414. EXPERIMENTAL DEMYELINIZATION - Kísérletes demyelinisatio - Maj-
nar R, Orvostud. Egyet. I. sz. Kórbonctani és Kísérleti Rákkutató Int. Közl.
Budapest - IDEGGYOG. SZLE. 1958, 11/3 (87-88) Illus. 2

Small quantities of a mixture of mono- and disodium phosphate solutions were re-
peatedly injected intracisternally in dogs. A paralytic state developed. Marginal
demyelination was found in the cervical segments of the spinal cord and in the
medulla oblongata, pons, mesencephalon. This effect was probably due to the in-
creased phosphate content and the raised hydrogen ion concentration of the spinal
fluid.

Perémy - Budapest (VIII, 5)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

MAJLING, L.

"Structure of the atomic nucleus" by J. Kvasnica. Reviewed by
L. Majling. Jaderna energie 9 no.6:189 Je '63.

Influence of pair forces on...

Z/055/62/012/001/002/012
I028/I228

σ_0 . The value of this contribution for different nuclei is calculated, and a graph of its dependence on the number of protons and neutrons for light nuclei is plotted: it is seen from it that the contribution is higher for odd nuclei than for adjacent even ones. Lastly, $\langle 0 | d_x^2 | 0 \rangle$ is calculated, and it is obtained that

$$E_{res} = h^2/m (1 + \Delta) b^{-2}. \quad (15)$$

This formula is compared with De Sabbata's experimental data, and also with the Elliot-Flowers results for O¹⁶, obtained by a detailed calculation of the states, taking into account the residual interaction. The agreement is found to be satisfactory in both cases. The author thanks A. M. Baldin and S. F. Semenko for their advice. There are 4 figures and 2 tables. The most important English-language references are : Elliot, J. P., Flowers B. H.: Proc. Roy. Soc. A 242 (1957), 57; Levinger, J. S., Bethe H.: Phys. Rev. 78 (1950), 115, De Sabbata, V.: Suppl. Nuovo Cim. 11 (1959), 225.

INSTITUTION: Institut yadernykh issledovaniy ChCAN (Institute of Nuclear Studies ChCAS) Rzhev

SUBMITTED May 6, 1961

Card 2/2

JC

24-4460

Z/055/62/012/001/002/012
I028/I228

AUTHOR: Majling, L.

TITLE: Influence of pair forces on the giant resonance energy

PERIODICAL: Chekhoslovatskiy fizicheskiy zhurnal, v. 12, section B, 1962, 12-20

TEXT: The influence of various nucleon-nucleon forces on the giant resonance energy is investigated with the help of the sum rules. This method, proposed by Levinger and Bethe, is found to be best suited, since it is almost independent of the nuclear model. The value of the resonance energy is

$$E = \sigma_0 / \sigma_{-1}, \quad (1)$$

where

$$\sigma_0 = \frac{2\pi^2 e^2}{\hbar c} \langle 0 | [[X, H] X] | 0 \rangle \quad (2)$$

$$\sigma_{-1} = \frac{4\pi^2 e^2}{\hbar c} \langle 0 | X^2 | 0 \rangle \quad (3)$$

Here $|0\rangle$ = the wave function of the ground state of the nucleus, X = the component of the nuclear dipole moment in the direction of polarization of the photon, H = the Hamiltonian of the nucleus. The expression $[[X, V] X]$ is calculated for different potentials, and it is determined that only exchange forces contribute

Card 1/2

JC

MAJLERT, Zofia; WOJTUSIAK, Roman J., prof dr

Activity of *Formica rufa* L. ants during the partial solar eclipse of
October 2, 1959. Prace zool no.6:95-120 '62.

1. Institute of Animal Psychology and Ethology, Jagiellonian University,
Karkow. Head: prof. R.J. Wojtusiak.

MAJLFRT, Z.; WOJTUSIAK, R.

Observations on the behavior of animals during the total eclipse of the sun on June 30, 1954. p. 331.

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

Chancery, Post Office, Belgrade; 1961, 1962; Belgrade, Yugoslavia

Information to officials of the US State Dept. concerning
utilizing a multi-faceted position, and policy, regarding the
Khrushchev.

1. Utilizing the multi-faceted position, and policy, concerning
(1) position of the US, and US position, and policy, and
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position, and policy, of the US, and US position, and policy, and

2

CZECHOSLOVAKIA

SZOKOLAY, A., Engineer; MAJLAHOVA, L., Promovana Physician
Oblast Institute of Hygiene (Oblastny ustav hygieny),
Bratislava (for both)

Prague, Prakticky lekar, No 12, 1963, pp 450-463

"New Opinions on the Value of Foreign Matter in Food-
stuffs from Food Hygiene."

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

MAJLATH, Laszlo

Efficiency of the isotope quadrant scale instruments; excerpts
from an article. Msz elet 17 no.17:15 16 Ag '62.

LUKACS, V.P.; PREM, G.; MAJIAUTH, Gy.; NEIMUTH, M.

further investigation of the children who fell ill with
Coxsackie B3 meningo-encephalo-myocarditis in 1952. Acta
paediat. 6 no.2:183-190 '65.

I. I. Kinderklinik der Medizinischen Universität Budapest.
Submitted November 17, 1964.

MAJLATH, Gyorgy

New "color-form" test; a preliminary communication.
Magy pszichol szemle 20 no.2:232-241 '63.

1. Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikaja
(igazgató: Dr. Gegesi Kiss Pal akadémikus, egyetemi tanár).

MAJLATH, Gyorgy

On juvenile delinquency. Magy pszichol szemle 17
no.4:402-406 '60.

1. Budapesti Orvostudomanyi Egyetem I.sz. Gyermekklinikaja
(Klinikai igazgato: Dr. Gegeci Kiss Pal akademikus,
egyetemi tanar), es a Budapesti Rendorfokapitansag
Fiatalkoru es Gyermekvedelmi Osztalya.

MAJLATH, Gyorgy

"Requirement, reward, punishment" by [Mrs.] Poire Mester nee Boda and [Mrs.] Eva Mezei nee Erdelyi. Reviewed by Gyorgy Majlath. Magy pszichol szemle 17 no.3:364-366 '60.

Editorial

MADHAT, RAI, BAWA, ISHWAN; National Pharmaceutical Institute (Institute of Chemical Technology), Jammu, India.

"Note on the determination of Kewalid and Alkaloidized Kewalid. I. Titration of Crandie base with Acetumatic Acid."

Journal, Acta Pharmacologica Sumatrae, Vol. 10, No. 2, April, 1958.

Abstract: (Authors) The authors comment the possible application of the acetumatic acid titration method of Brandt and Fischer with alkaloidized Crandie base to study. Confirming their results, it was shown that the method is very useful in the case of levaveramine citrate, atropine nitrate, and quinine hydrochloride. Further, the extension of the method extends to chloropromazine hydrochloride, desaline, prochlorperazine and hexamethonium, a method which seems to provide results has been worked out for the determination of Crandie base, Crandie citrate and quinine sulphate, respectively.

1/1

STRIKER, Gyorgy, dr.; MAJLAT, Laszlone

Organizational and economic aspects of instrumentation and automation. Meres automat 10 no.4:102-103 '62.

1. "Meres es Automatika" szerkeszto bizottsaganak tagja
(for Striker).

MAJLAT, Laszalone, tudomanyos munkatars

Some questions relating to the economy of research and technical development in the instruments industry. Meres automat 9 no.10:289-291 '61.

1. Merestichnikai Kozponti Kutato Laboratorium.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

MAJKUTH, Jeno

Seed dressers and grain separators. Mezogazd techn 1 no.8:12-13
'61.

MAJKUTH, Jeno, tudomanyos munkatars

Newer achievements in testing seed drills and drill
mechanisms. Jarmu mezo gap 11 no. 4:152-157 Ap '64.

1. Experimental Station of Agricultural Machinery.

POLAND

SENZE, A., and MAJKUT, W., Chair of Obstetrics and Reproduction Pathology (Katedra Położnictwa i Patologii Rozrodu), Veterinary Division (Wydział weterynaryjny), wSR i Wyższa Szkoła Rolnicza, Higher School of Agriculture] in Wrocław (Director: Prof. Dr. Alfred SENZE)

"Studies on the Oestrogenic Properties of 'bee's milk',"
"Studies on the Oestrogenic Properties of 'bee's milk',"
Warsaw-Lublin, Medycyna Weterynaryjna, Vol 13, No 11, Nov
62, pp 676-678.

Abstract: Article contains a brief review of the literature, the procedure and findings of the investigation, and a discussion of the inconclusive results on the oestrogenic effect of "bee's milk" on rabbits. Of the 12 references, six (5) are English, four (4) German, and two (2) Polish.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

MAJKUSOVA, Marta

Documentation service in Poland. From portrait 16 mm film
49 Ja '65.

MAJKUS, V.; DURA, J.

Bacteriological, histological and endoscopic findings in chronic
bronchitis. Cas. lek. cesk. 104 no. 9:232-236 5 Mr'65.

1. Otolaryngologicke oddeleni vojenske nemocnice v Plzni (vedouci
MUDr. J. Dominik) a Patologickoanatomicky ustav lekarske fakultu'
Karlovych University, Plzen (prednosta: prof. dr. V. Vanek, DrSc.).

MAJKUS, V.; SUCHANKOVA, A.

Contribution to the role of resistant Staphylococcus aureus in
acute otitis media. Cesk. otolar. 9 no. 4:224-229 Ag '60.

1. Otolarinolaryngologicke oddeleni Posadkove nemocnice v Plzni.
(STAPHYLOCOCCAL INFECTIONS)
(OTITIS MEDIA etiol.)

EYCHERPTA MEDICA Sec 11 Vol 12/2 O.R.I., August 59

1528. MASS OCCURRENCE OF EXTERNAL OTITIS DUE TO PSEUDOMONAS -
Hromadný výskyt pseudomonadových zevních otitid - Majkus V. Otornino-
laryngol. Oddel. Vojenské Nemocn. Plzeň - BRATISL. LEK. LISTY 1958,
38(II)/12(721-726) Graphs I Tables 1

In 18 (42.8%) of 46 inflammations of the external auditory canal treated at the ENT
dept. of the military hospital in Plzeň in 1957, *Pseudomonas pyocyanea* was estab-
lished as aetiological agent. All these cases occurred during a limited summer
period. In 7 cases secondary contamination during hospitalization was demon-
strated. The mode of transfer could not be elucidated even by a thorough bacteriological
investigation. Transfer of the infection is presumed to occur during the treatment
of patients. To increase resistance to the organism, intramuscular injections of
procaine were applied, using the method suggested by Šaman, with success.

I 32238-66 EWP(k)/EWP(h)/EWP(v)/EWP(i)
ACC NR: AP6020826 SOURCE CODE: CZ/0031/65/013/011/0754/0760

AUTHOR: Majkus, Jaroslav

ORG: VUOSO, Prague

TITLE: Why machine tools controlled by digital computers?

SOURCE: Strojirenska výroba, v. 13, no. 11, 1965, 754-760

TOPIC TAGS: digital computer, machine tool, automatic control

ABSTRACT: The article presents a brief survey of the development of the application of digital computers to control machine tools. The characteristics of such systems are briefly described, and a listing is given of machine tools of Czechoslovak manufacture of that type, with their parameters. Orig. art. has: 6 figures and 2 tables.
[JPRS]

SUB CODE: 13, 09 / SUBM DATE: none

15
Card 1/1

UDC: 621.002.338.453, 621.002.338.454

54
B

MAJKUS, J.

Burns and hair cracks caused by grinding. p. 757.
STROJIRENSTVI, Prague, Vol. 4, no. 10, Oct. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

MAJKUS, J.

"Precision of the Form of the Abrasive Wheel." p. 819 (STROJIRENSTVI, Vol. 3, No. 11,
Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

MAJKUS, C.

"Increasing peripheral speed in grinding." Strojirenstvi, Praha, Vol. 4, No. 7, July 1954,
p. 525.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

MAJKUS, O.

"Economy and Productivity of Grinding." p. 349, Praha, Vol. 4, no. 5, May 1954.
SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

MAJKOWSKI, MARCELI

MAJKOWSKI, Marcelli; Bernadzikowski, Wladyslaw (Adres autorow: Stalinogrod,
Szpital Miejski, ul. Markiewki 87)

Case of splenic cyst. Polski przegl. chir. 26 no.3:219-225 Mr '54.

l. Z II Oddzialu Chirurgicznego Szpitala Miejskiego Nr 1 w Stalino-
gradzie. (Praca wplynela do redakcji dnia 9.X.1952)

(CYSTS,

*spleen, surg. in child)

(SPLEEN, cysts,

*surg. in child)

MAJKOWSKI, Marcelli (adres autorow: Stalingrod, Szpital Miejski)

Case of splenic cyst. Ginekol pol 25 no.2:219-225 Ap-Je '54.
(KHAL 3:8)

1. Z II Oddzialu Chirurgicznego Szpitala Miejskiego Nr 1 w
Stalinogrodzie. (Praca wplynala do redakcji dnia 9. X. 1952)
(CYSTS, "spleen, surg.) (SPLEEN, cysts,
*surg.)

MAJKOWSKI, Kazimierz

Villous vetch (*Vicia villosa* Roth) as seen in the light of more
important recent research. Postepy nauk roln 9 no.5:93-108 S-0
'62.

[REDACTED] MAJKOWSKI, Kazimierz

[REDACTED]
Studies on the morphologic features and physiological properties as well as the utilization value of Polish populations of villous vetch (*Vicia villosa* Roth). Pt. 1. Rocznik nauk roln. 88 no. 3:661-681 '64.

MAJKOWSKI, Jerzy

Tegretol - new antiepileptic drug. Neurol. neurochir. psychiatrist.
Pol. 15 no.3:457-461 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof. dr.
med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy; BITTNER-MANICKA, Maria; MROZEK, Konstanty

The value of misedine in epilepsy. (Preliminary report).
Neurol. neurochir. psychiat. Pol. 15 no.3:447-452
My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik:
prof. dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy; WASILEWSKI, Ryszard

Electroencephalographic investigations of epileptic cases
treated with misodine. (Preliminary report). Neural. neuro-
chir. Psychiat. Pol. 15 no.3:439-445 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof.
dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy; WASILEWSKI, Ryszard

Localization and type of EEG changes in temporal lobe epilepsy.
Neurol. neurochir. Psychiat. Pol. 15 no.3:395-400 My-Je '65.

The role of EEG examinations in differentiating temporal lobe
seizures of the "absence" and "petit mal" type. Ibid.:401-407

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof.
dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy

Pathophysiology of temporal lobe epilepsy in the light of
bioelectrical studies of the brain. Neurol. neurochir.
psychiat. Pol. 15 no.3:377-384 My-Je '65.

1. Z Kliniki Neurologicznej AM w Warszawie (Kierownik: prof.
dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy

Effect of denervation of the carotid sinus on the EEG picture
in bronchial asthma. Neurol., neurochir., psychiat. Pol. 15
no.1:85-91 Ja-F'65.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie
(Kierownik: prof. dr. med. I. Hausmanowa-Petrusewicz).

MAJKOWSKI, Jerzy; SKIBINSKI, Karol; KOWALCZEWSKA, Janina

Evaluation of Librium in psychogenic arthritis. Pol. arch.
med. wewnet. 34 no.3:289-298 '64

l. z Kliniki Neurologicznej AM w Warszawie (kierownik: prof.
dr.med. I.Haumanowa-Petrusewicz) i z Instytutu Reumatolo-
gicznego w Warszawie (b.Dyrektor: prof.dr.med. E.Reicher).

*

MAJKOWSKI, Jerzy

Effect of the destroying of auditory pathways in cats on the process of learning responses to acoustic stimuli. Rozpr. wydz. nauk. med. 9 no.2859-106 '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie (Kierownika prof. dr. med. Irena Haussmanowa-Petrudrwiecz).
2. Adiunkt Kliniki Neurologicznej Akademii Medycznej w Warszawie (for Majkowski).

PILIPOWSKA, T.; MAJKOWSKI, J.

Value of EEG studies in vascular disorders of the brain. Neurologia
etc. polska 11 no.5:613-620 '61.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr
I. Hausmanowa-Petrusewicz.
(CEREBROVASCULAR DISEASES diag) (ELECTROENCEPHALOGRAPHY)

MAJKOWSKI, Jerzy; MANDYBUR, Tadeusz

Dynamics of EEG changes in transplanted brain tumors in rats.
(Preliminary communication). Neurol. etc., polska 11 no.4:433-444
'61.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik: prof. dr I
Hausmanowa-Petrusewicz; z Zakladu Neuroradiologii FAN Kierownik:
prof. dr A Kunicki; z Zaklada Biologii Nowotworow Instytutu Onkologii
w Warszawie im. Marii Curie-Sklodowskiej Dyrektor: prof. J. Laskowski
Kierownik Zakladu: prof. dr K. Dux.
(ELECTROENCEPHALOGRAPHY) (NEOPLASMS exper)
(BRAIN NEOPLASMS exper)

K
MAJOWSKI, Jerzy
A

Value of naso-pharyngeal electrodes in EEG studies. Neurologia
etc. polska 11 no.2:199-206 Mr-Ap '61.

l. Z Kliniki Neurologicznej A.M. w Warszawie Kierownik: prof. dr
med. I. Hausmanowa-Petrusewicz.

(ELECTROENCEPHALOGRAPHY)

MAJKOWSKI, Jerzy; PILIPOWSKA, Teresa

Role of electroencephalography in the diagnosis and localization
of brain tumors. Neurologia etc. polska 11 no.1:69-79 Ja-F '61.

1. Z Kliniki Neurologicznej AM w Warszawie Kierownik Kliniki:
prof. dr I. Hausmanowa-Petrusewicz.

(ELECTROENCEPHALOGRAPHY) (BRAIN NEOPLASMS diag)

MAJKOWSKI, Jerzy

Organ-brain relationship in electroencephalographic representation.
Polski tygod.lek. 15 no.12:440-444 21 Mr '60.

1. Z Kliniki Neurologicznej A.M. w Warszawie; p.o. kierownika Kliniki:
prof.dr Irena Hausmanowa-Petrusewicz.
(ELECTROENCEPHALOGRAPHY)

MAJKOWSKI, J.; JASPER, Herbert H.

Studies on the mechanism of conditioned reflexes by means of
electrophysiological and extirpation methods. Acta physiol.polon.
11 no.5/6:813-814 '60.

1. Z Instytutu Neurologicznego w Montrealu, Dyrektor: prof.dr
W.Penfield. Z Kliniki Neurologicznej A.M. w Warszawie, Kierownik:
prof.dr I.Hausmanowa-Petrusewicz.

(REFLEX CONDITIONED)
(CEREBRAL CORTEX physiol)

MAJKOWSKI, J.; JASPER, Herbert H.

Studies on the mechanism of conditioned reflexes by means of
electrophysiological and extirpation methods. Acta physiol.
polon. 11 no.5/6:811-813 '60.

1. Z Instytutu Neurologicznego w Montrealu, Dyrektor: prof.
dr W. Penfield. Z Kliniki Neurologicznej A.M. w Warszawie
Kierownik: prof.dr I.Hausmanowa-Petrusewicz.

(REFLEX CONDITIONED)
(CEREBRAL CORTEX physiol)

MAJKOWSKI, Jerzy, st. asystent

On structural problems in the formation of conditioned reflexes.
Electroencephalographic and electromyographic studies. Rozpr.wydz.
nauk med. 5 no.2:139-205 '60.

1. Z Kliniki Neurologicznej Akademii Medycznej w Warszawie Z-ca
Kierownika: prof. dr Irena Hausmanowa-Petrusewicz (Przedstawili: prof.
dr med. Janina Hurynowicz, prof. dr med. Włodzimierz Missiuro)

(REFLEX CONDITIONED) (ELECTROENCEPHALOGRAPHY)
(ELECTROMYOGRAPHY)

MAJKOWSKI, Jerzy

A case of complicated juvenile atrophy of the optic nerves
(Behr's disease). Klin.oczna 29 no.4;403-408 '59.

l. Z Kliniki Neurologicznej A. M. w Warszawie w z. Kierownika:
prof. dr med. I. Hausmanowa.
(NERVES OPTIC dis)

MAJKOWSKI, Jerzy (Warszawa, ul. Wilcza 33 m. 18.)

Electromyographic & electrical investigations in primary chronic rheumatoid arthritis. Polski tygod. lek. 14 no.18:801-803 4 May 59.

l. (Z Kliniki Neurologicznej A.M. w W-wie; w.Z. kierownika Kliniki: prof. I. Hausmanowa i z Państwowego Instytutu Reumatologicznego; kierownik: prof. E. Reicher).

(ARTHRITIS, RHEUMATOID, manifest.
electromyography (Pol))

(ELECTROMYOGRAPHY, in var. dis.
rheum. arthritis (Pol))

MAJKOWSKI, Jerzy

A case of familial periodic paralysis with hyperpotassemia.
Neur. &c. polska 9 no.3:317-325 Je-Jl '59.

1. Z Kliniki Neurologicznej A.M. w Warszawie w z. kier.
Kliniki: prof. dr I.Hausmanowa.
(PARALYSIS blood)
(POTASSIUM blood)

MAJKOWSKI, Jerzy

Periodic paralysis: clinical aspects and pathogenesis. *Neur.*
&c. polska 9 no.3:305-316 Je-Jl '59.

1. Z Kliniki Neurologicznej A.M. w Warszawie w z. kierownika:
prof. dr I. Hausmanowa.
(PARALYSIS)

MAJKOWSKI, Jerzy

Cardiazol as a diagnostic aid in epilepsy with a normal EEG picture.
Neur &c. polska 8 no.1:59-68 Jan-Feb '58

1. Z Kliniki Neurologicznej A.M. w Warszawie, Kierownik: prof. A. Opalski.
(EPILEPSY, diag.
EEG, activation with pentylenetetrazole (Pol))
(ELECTROENCEPHALOGRAPHY, eff. of drugs on
pentylenetetrazole activation in epilepsy, diag. value
(Pol))
(PENTYLENETETRAZOLE, eff.
EEG activation in epilepsy, diag. value (Pol))

MAJKOWSKI, J.

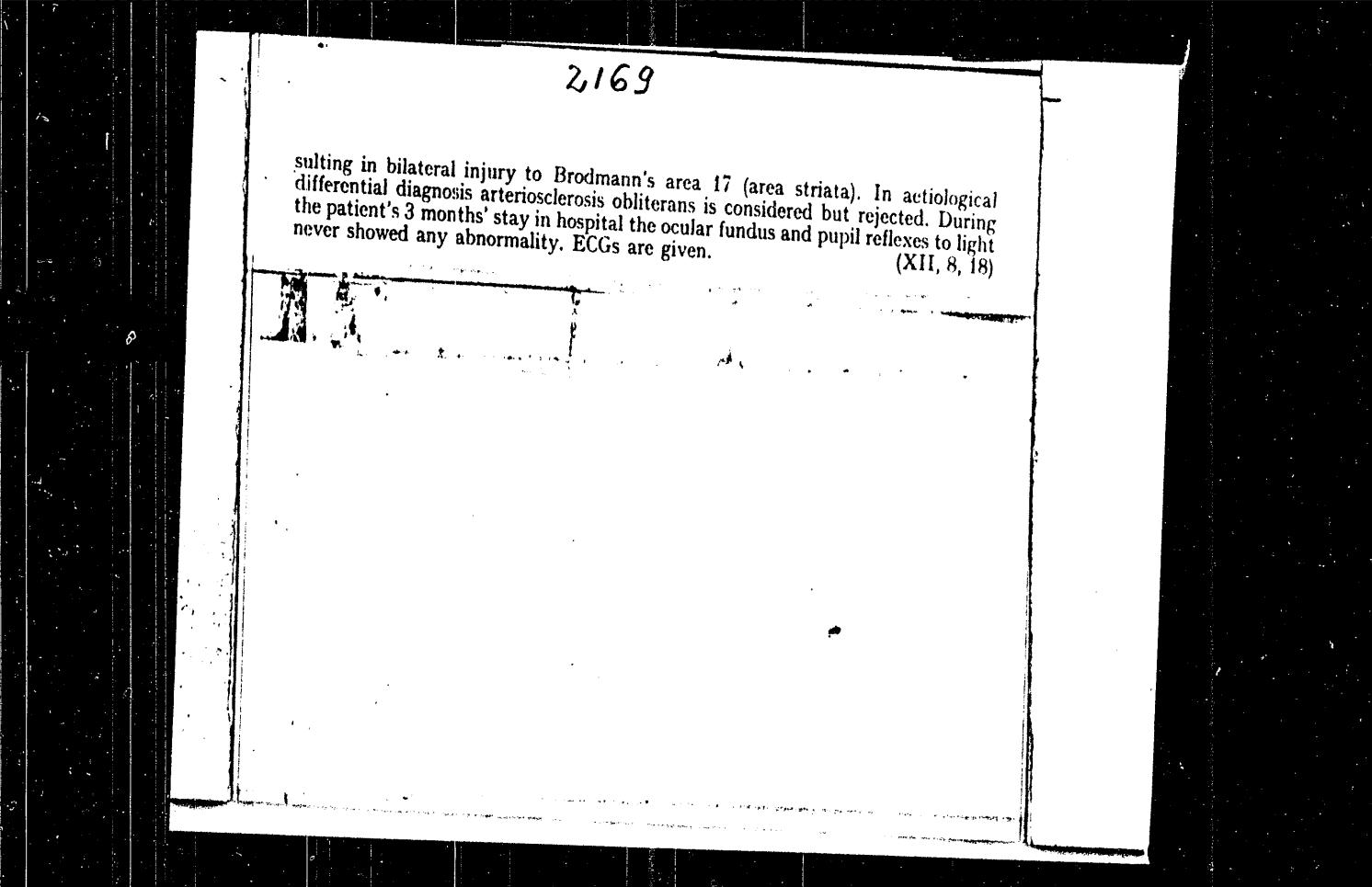
Structure of defense conditioned reflex. Acta physiol. polon. 8 no.3:
433-436 1957.

1. Z Kliniki Neurologicznej A. M. w Warszawie Kierownik: prof. dr
A. Opalski w-z Kierownika: prof. dr I. Hausmanowa.

(REFLEX, CONDITIONED,
defense, mechanism (Pol))

2169

sulting in bilateral injury to Brodmann's area 17 (area striata). In aetiological differential diagnosis arteriosclerosis obliterans is considered but rejected. During the patient's 3 months' stay in hospital the ocular fundus and pupil reflexes to light never showed any abnormality. ECGs are given.
(XII, 8, 18)



EXCERPTA MEDICA Sec 18 Vol 3/8 Cardio. Dis. Aug 59

2169. A case of total cortical blindness in the course of thromboangiitis obliterans
Przypadek całkowitej ślepoty korowej w przebiegu zakrzepowo zarostowego zapalenia
naczyn. MAŁKOWSKI J. Klin. Neurol. A. M., Warszawa *Neurol. Neurochir. Psychiat.*
pol. 1957, 7/3 (333-345) Graphs 4 Illus. 2

The case is reported of a 53-year-old man affected with bilateral simultaneous cortical blindness in the course of thromboangiitis obliterans. The characteristic changes in the blood vessels developed in the lower extremities (dorsal arteries of the foot) and in the cerebrum. The first pathological symptoms in the form of gangrenous changes in the toes appeared in the patient's 49th year. He did not notice the moment of the onset of blindness and did not realize his disability (visual agnosia). On the 17th day of the illness a sensation of light developed in the left eye. A few days later this eye distinguished the movement of objects. Finally the patient saw very faintly and recognized objects at close range. An absence of light perception persisted in the right eye during the entire 3-month period of observation. Two differential diagnostic problems, differing from the aetiological point of view and with respect to the localization of the pathological process responsible for blindness are discussed. Following a detailed analysis of the pathological symptoms it is concluded that the thrombotic changes developed in both calcarine arteries, re-

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of Chemistry, Medical Faculty, University of Zagreb, Zagreb, Croatia,
Yugoslavia.

(Sphingolipides) (Cerebrin) (Yeast)
(Phytosphingosine)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031400022-6

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Measuring method of storage charge collected in p-n junctions as applied to the determination of the carrier lifetime in regions neighboring junctions of wide-base diodes.
Przegl elektroniki 4 no. 5/6: 317-322 My-Je '63.

1. Zaklad Elektroniki, Instytut Podstawowych Problemow Techniki, Polska Akademia Nauk, Warszawa.

L 10771-63

ACCESSION NR: AP5003106

detector is filled with liquid nitrogen, has a kovar base and maintains a temperature of 78K for 20 minutes. The pressure on the germanium sample is less than 10^{-3} mm Hg. The windows are made of pure germanium plates with highly polished surfaces. Special windows made of lithium fluoride (imported from the USSR) permit passage of visible light and infrared radiation of 6 microns. Orig. art. has: 5 figures.

ASSOCIATION: Instytut Podstawowych Problemów Techniki Polska Akademiya Nauk
(Institute of Basic Technical Problems, Polish Academy of Sciences)

SUBMITTED: 00

DATE ACQ: 12Jul63

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Card 2/3

L 10771-63 EWT(1)/BDS/EED-2--AFFTC/ASD/APGC/AFML--Pl-1
ACCESSION ID# AP3003186 P/0053/63/000/004/0251/0254

AUTHOR: Mujewski, Zdzislaw; Ambrosiak, A.; Swiderski, J.

(6)
(6)

TITLE: Detection of infrared radiation using gold-doped germanium

SOURCE: Przeglad elektroniki, no. 4, 1963, 251-254

TOPIC TAGS: infrared radiation detector, gold-doped germanium, photoconductivity measurement

ABSTRACT: Problems arising in the design of infrared detectors based on the photoconductivity of gold-doped germanium, problems connected with the gold doping of germanium, photoconductivity measurements, and the selection of detector windows and cooling systems are described. The selection of a properly doped germanium sample was accomplished by measuring the resistivity of the sample as a function of temperature in the range from 78 to 300K. A special photoconductivity meter was developed for this purpose. In addition to the properly prepared germanium sample, some preliminary improvements such as an amplifier suitable for use with a specific sample and of an improved shielding system, make it possible to detect greatly reduced power. A model of the detector is shown in Fig. 1 of the Enclosure. The inner glass cylinder of the

Card 1/32

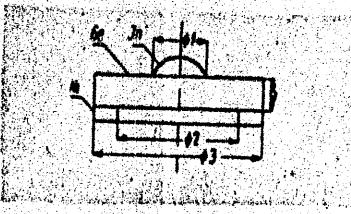
Investigation of

P/053/63/000/003/003/003
E192/E382

where L_p is the diffusion path of the holes in the n-region and D_p is the diffusion constant for the holes. Eq. (4) was used to investigate the possibility of determining the surface recombination velocity s from the stored-charge measurements. It was found that, in general, s , determined by this method, differed quite significantly from the results measured by the photoelectric method. However, this discrepancy can be eliminated if the constant A_t in Eq. (4) is determined experimentally for various values of w/L and various junction configurations. There are 6 figures and 1 table.

ASSOCIATION: Zaklad Elektroniki IPPT-PAN
(Electronics Laboratory, IPPT-PAN)

Fig. 1:



Card 3/3

P/053/63/000/003/003/003
E192/E382

Investigation of

recombination velocity s is defined by:

$$\frac{1}{\tau_{\text{ef}}} = \frac{1}{\tau} + A_t \cdot \frac{s}{w} \quad (4)$$

where $\tau_{\text{ef}} = \Delta Q_s / \Delta I_p$ is the effective lifetime of the holes in the base (where ΔQ_s is the charge stored in the near junction region and ΔI_p is the conduction current prior to the switching-off). τ is the volume lifetime of the holes in the base and w is the thickness of the base. The constant in Eq. (4) is expressed by:

$$A_t = \frac{w}{L_p \sin h \frac{w}{L_p} + \frac{sL_p}{D} \left(\cos h \frac{w}{L_p} - 1 \right)} \quad (3)$$

Card 2/3

P/053/63/000/003/003/003
E192/E382

AUTHORS: Majewski, Zdzisław and Wójcik, Maria
TITLE: Investigation of the influence of surface recombination
on the transient operation of a p-n junction
PERIODICAL: Przeglad elektroniki, no. 3, 1963, 163 - 167
TEXT: Ge-In junctions, the construction of which is
illustrated in Fig. 1, were investigated. The Ge surface opposite
the junction inside the Ni ring of the base was used as the
recombination contact of the base. Changes in the Ge surface were
induced either by gradual etching in boiling H_2O_2 or by sanding.
This latter operation was performed by rubbing the surface with
cotton wool watted in fine carborundum paste or by a high-pressure
water jet containing carborundum powder. The switching operation
of the junction can be described either by measuring the charge
accumulated in the near-junction area or by measuring the
dependence of the inverse current after rapidly switching off the
voltage from a junction which was conducting in the forward
direction. It is shown that for a thin base the relationship
between the transient or the switching parameter and the surface
Card 1/3

MAJEWSKI, Zdzislaw; KAZIMIERSKI, Adam

Radiation detectors. Przegl elektroniki 3 no.3:114-118 Mr '62